



AF, 2nd 2182\$

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/092,178
Filing Date	March 5, 2002
First Named Inventor	Teng Pin Poo
Art Unit	2182
Examiner Name	Casiano, Angel L.
Attorney Docket Number	1601457-0013

### ENCLOSURES (Check all that apply)

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify<br>below):<br>Form PTO/SB/08A/B<br>Copies of 43 Prior Art References<br>Return Postcard |
|--|--|---|

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	White & Case LLP		
Signature			
Printed name	Patrick W. Ma		
Date	April 1, 2005	Reg. No.	44,215

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

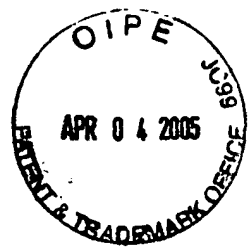
Christina Ishihara

Date

April 1, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/092,178  
Applicant : Teng Pin Poo  
Filed : March 5, 2002  
TC/A.U. : 2182  
Examiner : Casiano, Angel L.

Confirmation No. 7556

Docket No. : 1601457-0013  
Customer No. : 007470

**INFORMATION DISCLOSURE STATEMENT**

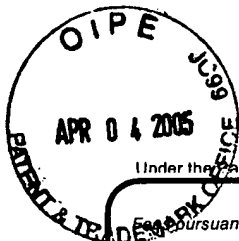
Mail Stop I.D.S.  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent Office of all references coming to the attention of Applicants or attorneys or agents for Applicants which are or may be material to the examination of the subject application, Attorneys for Applicants hereby invite the Examiner's attention to the reference(s) listed on the accompanying PTO Form SB/08.

Identification of references listed on the attached PTO form is not to be construed as an admission of Applicants or attorneys for Applicants that such references are material or available as prior art against the subject application. The right is reserved to antedate any item in accordance with standard procedure.

This submission is understood to complement the results of the Examiner's own independent search. The submission should not be construed as a representation that a



PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	10/092,178
Filing Date	March 5, 2002
First Named Inventor	Teng Pin Poo
Examiner Name	Casiano, Angel L.
Art Unit	2182
Attorney Docket No.	1601457-0013

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: **23-1703** Deposit Account Name: **White & Case LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
---------------------	---------------------	-----------------	----------------------

- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
----------------------	---------------------	-----------------	----------------------

- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
---------------------	---------------------	---	-----------------	----------------------

- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_ Information Disclosure Statement

**Fees Paid (\$)**

\$180.00

**SUBMITTED BY**

Signature

Registration No.  
(Attorney/Agent) 44,215

Telephone 650.213.0300

Name (Print/Type) Patrick W. Ma

Date April 1, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

search was made, or that cited items are inclusive of all the relevant and material citations that may be available publicly.

Copies of the cited reference(s) are enclosed. Applicants respectfully request that the Examiner review the attached references and that they be made of record in the file history of the above-captioned application. The Commissioner is hereby authorized to charge White & Case LLP Deposit Account No. 23-1703 in the amount of \$180.00 in connection with this filing of the Information Disclosure Statement. The Fee Transmittal form is enclosed.

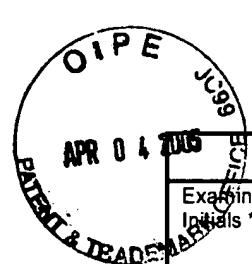
Dated: April 1, 2005



---

Patrick W. Ma (Reg. No. 44,215)  
**White & Case LLP**  
1155 Avenue of the Americas  
New York, NY 10036-2787  
(650) 213-0321





# OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Aladdin eToken and Rainbow iKey; Rainbow; date unknown	
		Lexar JumpShot Cable; date unknown	
		PCMCIA SRAM & Linear Flash Cards; C1-Tech, Simple Technology, Centennial, Intel, KingMax; date unknown; retrieved from the internet URL: <a href="http://www.psism.com/sram.htm">http://www.psism.com/sram.htm</a> ; 5 pages	
		Pretec PCMCIA Type I SRAM 2048 KB; date unknown; retrieved from the internet URL: <a href="http://www.everythinglinux.com.../SRAM2M?elinux=e0c72135e544a6ea13772f5c23ba3f0">http://www.everythinglinux.com.../SRAM2M?elinux=e0c72135e544a6ea13772f5c23ba3f0</a> ; 1 page	
		What is Memory Stick?; date unknown; retrieved from the internet URL: <a href="http://www.memorystick.org/topic/eng/aboutms/feat_outline.html">http://www.memorystick.org/topic/eng/aboutms/feat_outline.html</a> ; 1 page	
		RAJESH GUPTA; YERVANT ZORIAN; Introducing Core-Based System Design; IEEE; 1997; pp. 15-25	
		CY7C63000, CY7C63001, CY7C63100, CY7C63101, CY7C63200, CY7C63201 Universal Serial Bus Microcontroller; Cypress; June 26, 1997; 27 pages	
		PC/104 PCMCIA Module, 1 <sup>st</sup> Edition, Part No. 2007311000 Manual; Printed in Taiwan; July 1997	
		IBM Smart Card Solution Elements; IBM; July 1997; pp. 1-24	
		Interfacing the Intel Flash 28F001BX-T to Your 186 Based System; Intel; 1998; retrieved from the internet URL: <a href="http://developer.intel.com/design/intarch/applnots/2150.htm">http://developer.intel.com/design/intarch/applnots/2150.htm</a> 14 pages	
		SY-6IEB Main Board Quick Start Guide; SOYO Computer Inc.; September 1998; pp. 3-14	
		Universal Serial Bus Specification Revision 1.1; Compaq, Intel, Microsoft, NEC; September 23, 1998	
		Week of Oct 19 1998; Multimedia Work; October 23, 1998; retrieved from internet URL: <a href="http://www.m2w.net/News/981019.html">http://www.m2w.net/News/981019.html</a> ; 10 pages	
		Understanding the Flash Translation Layer (FTL) Specification; Intel; December 1998	
		SanDisk ImageMate USB Review ; Digital Eyes; copyright 1998-2001; retrieved from internet URL: <a href="http://www.image-acquire.com/articles/storage/sdimagematesub.shtml">http://www.image-acquire.com/articles/storage/sdimagematesub.shtml</a> ; 2 pages	
		TONY K.P. WONG; An Embedded Chip for USB Application: from the Architecture to Implementation; International IC' 99 Conference Proceedings; Siemens; 1999; 10 pages	
		AlphaPC 164LX Motherboard Product Brief, Alphaprocessor, Inc.; January 1999; 2 pages	
		Image Memory Card Reader SM-R1 Owner's Manual; FujiFilm; April 1, 1999;	
		SanDisk ImageMate USB CF Card Reader; Feather River Canyon News; July 12, 1999; retrieved from the internet URL: <a href="http://www.quicknet.com/~frcn/SanDiskUSB.html">http://www.quicknet.com/~frcn/SanDiskUSB.html</a> ; 3 pages	
		JEFF KELLER; DCRP Review: Fujifilm MX-2900; Digital Camera Resource Page; July 27, 1999; retrieved from the internet URL: <a href="http://www.dcresource.com/reviews/fuji/mx2900-review/">http://www.dcresource.com/reviews/fuji/mx2900-review/</a> ; 9 pages	
		Matshushita Electric, Scandisk and Toshiba Agree Join Forces to Develop and Promote Next Generation Secure Memory Card; SD Card Association; August 25, 1999; retrieved from internet URL: <a href="http://www.sdcard.org/press5.htm">http://www.sdcard.org/press5.htm</a> ; 4 pages	
		(BW) (CA - Rainbow - Technologies) (RNBO) Rainbow Technologies Forms New Joint Venture in China; Business Wire; November 8, 1999; retrieved from the internet URL: <a href="http://www.businesswire.com/webbox/bw.110899/193120188.htm">http://www.businesswire.com/webbox/bw.110899/193120188.htm</a> ; 2 pages	



# OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS (cont'd)

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Fuji Film SM-R1 Memory Card Reader; TwoMobile; December 1999; retrieved from internet <a href="http://www.twomobile.com/rev_smr1reader.html">URL:http://www.twomobile.com/rev_smr1reader.html</a> ; 3 pages	
		Boot sequence [online]; 16 January 2001; retrieved from the internet: <a href="http://web.archive.org/web/20010116104400/www.pcguide.com/ref/mbsys/bios/set/adv_Boot.htm">URL:http://web.archive.org/web/20010116104400/www.pcguide.com/ref/mbsys/bios/set/adv_Boot.htm</a>	
		T. Fukagawa and M. Nagayama, "2001 edition of Hints on Use of PC -- Release of Convincing Techniques and Useful Approaches to Using PC," <i>Touch PC</i> , Mainichi Communications, Inc., March 24, 2001, Vol. 6, No. 3, pp. 20-21	
		SL11R USB Controller/16-Bit RISC Processor Data Sheet; Cypress Semiconductor Corporation; December 3, 2001; 85 pages	
		USB Support for Amibios8 [online]; American Megatrends; 16 October 2002; retrieved from the internet: <a href="http://www.ami.com/support/downloaddoc.cfm?DLFile=support/doc/AMIBIOS8_US_B_Whitepaper.pdf&amp;FileID=513">URL:http://www.ami.com/support/downloaddoc.cfm?DLFile=support/doc/AMIBIOS8_US_B_Whitepaper.pdf&amp;FileID=513</a> ; 12 pages	
		SSFDC Forum; SSFDC Forum; December 27, 2002; retrieved from internet <a href="http://www.ssfdc.or.jp/english/">URL:http://www.ssfdc.or.jp/english/</a> ; 1 page	
		Mainboard D1307. Datasheet [online]; Fujitsu Siemens Computer, March 2003; retrieved from the internet: <a href="http://www.fujitsu-siemens.com/pl/itemservers/dok_mainboard/datasheet_d1307.pdf">URL:www.fujitsu-siemens.com/pl/itemservers/dok_mainboard/datasheet_d1307.pdf</a> ; 2 pages	
		Concept of SPB-Linux-2 [online]; 24 March 2003; retrieved from the internet: <a href="http://web.archive.org/web/20030324012428/http://www.8ung.at/spblinux/concept.htm">URL:http://web.archive.org/web/20030324012428/http://www.8ung.at/spblinux/concept.htm</a> ; 3 pages	
		Reference Design: SL11RIDE-Combo; Cypress; July 10, 2003; retrieved from internet; 2 pages	
		Availability of Universal Serial Bus Support in Windows 95; October 7, 2003; retrieved from the internet <a href="http://support.microsoft.com/default.aspx?scid=kb;en-us:253756">URL:http://support.microsoft.com/default.aspx?scid=kb;en-us:253756</a> ; 3 pages	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.